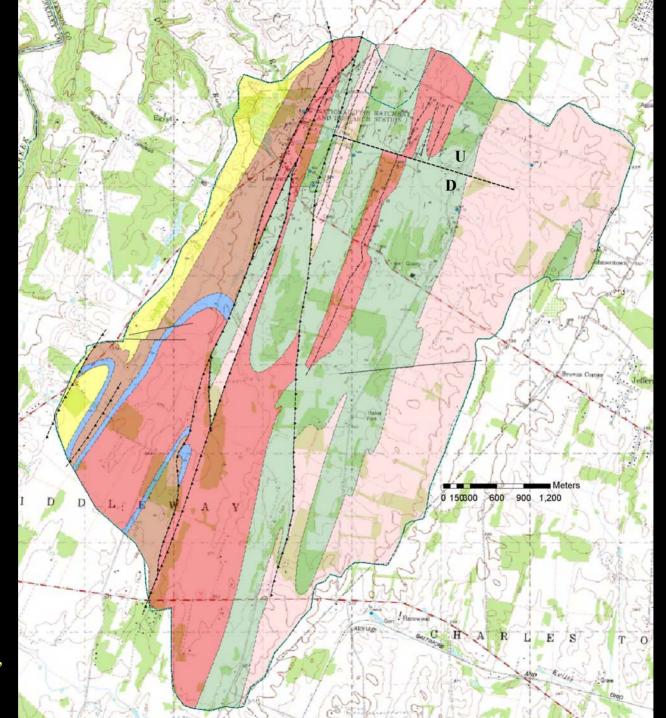
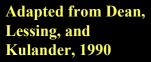
Link Spring, Summer 2002

Link Spring, Late Winter 2003

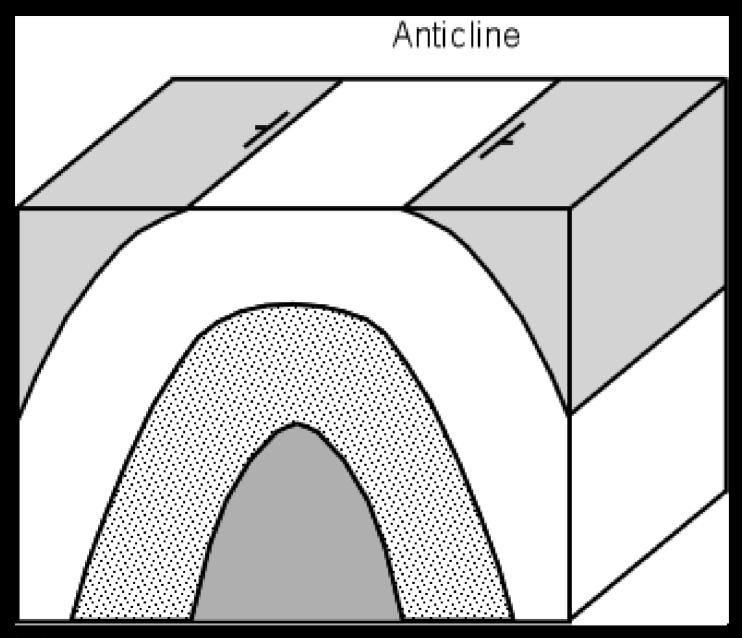






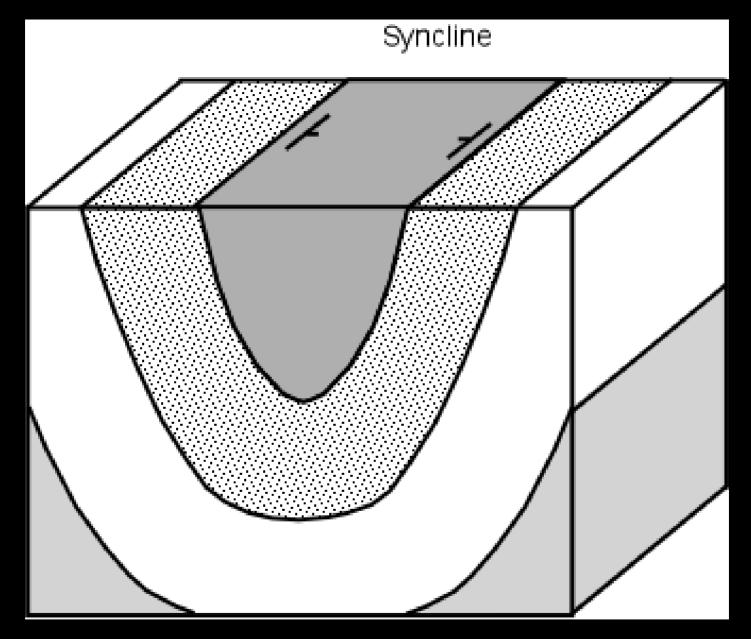






Anticline (taken from Earth Science Australia website: http://earthsci.org/index.html#Enter)





Syncline (taken from Earth Science Australia website: http://earthsci.org/index.html#Enter)







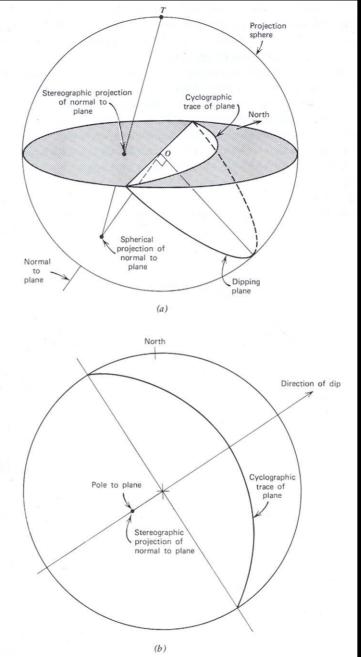
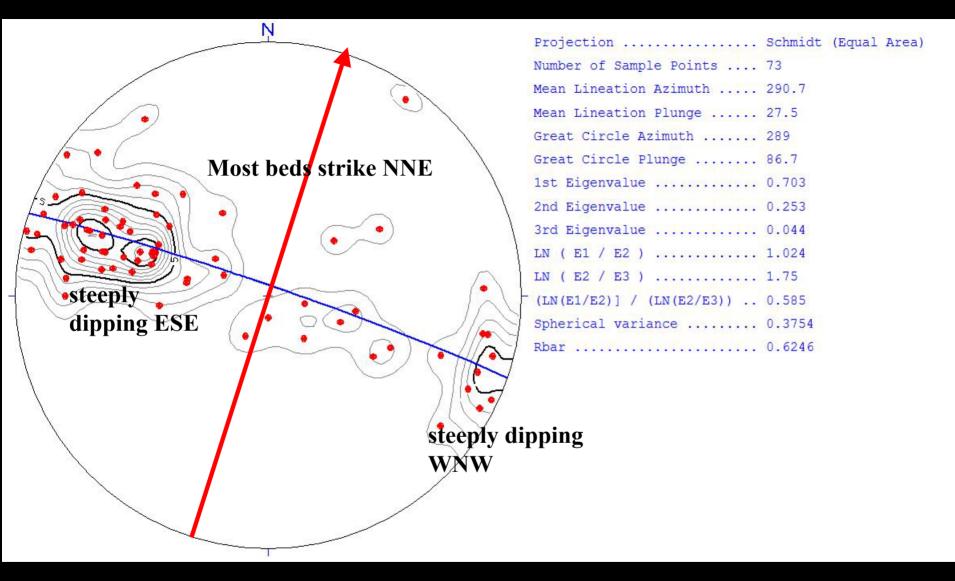


FIGURE A6 (*a*), (*b*) The stereographic projection of a plane and of the normal to that plane.



From Hobbs, Means, and Williams, 1976, p. 491



Poles to planes: bedding



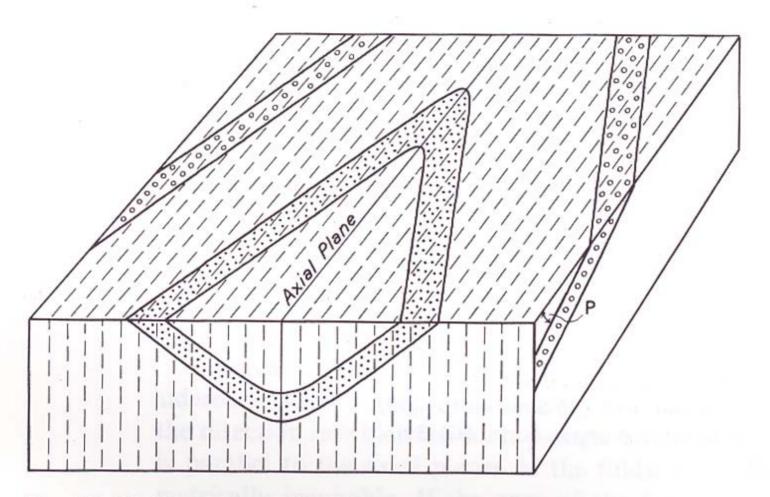


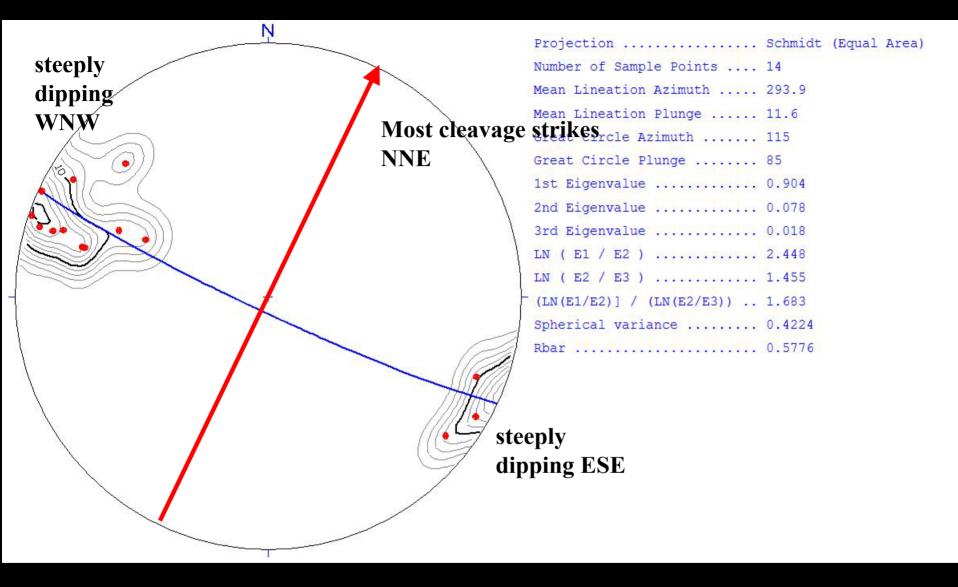
Fig. 18-10. Three-dimensional representation of slaty cleavage. Cleavage represented by broken lines. Value of plunge of fold is equal to *P*, which is measured on the cleavage; it is the angle between the trace of the bedding and a horizontal line.





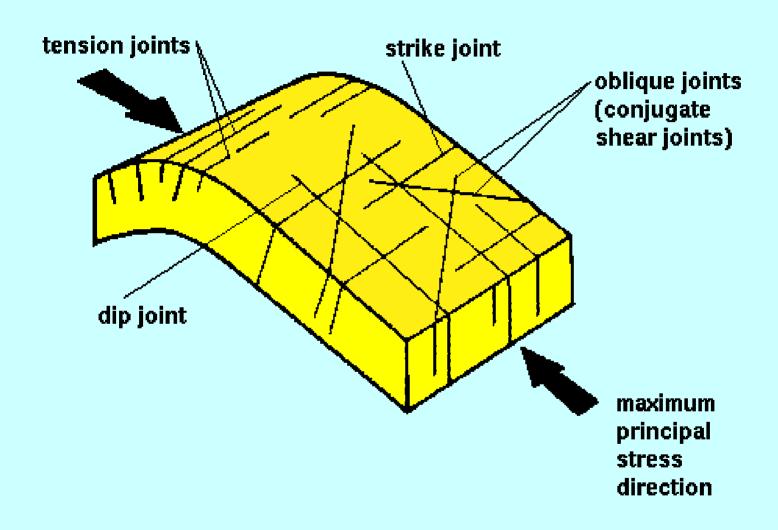
Cleavage and bedding in Stonehendge Limestone





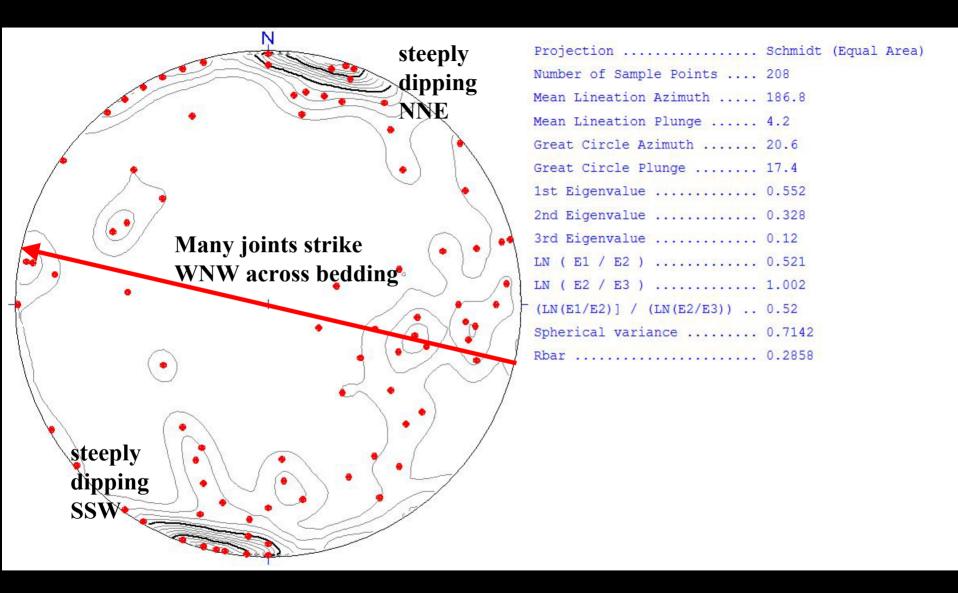
Poles to planes: cleavage





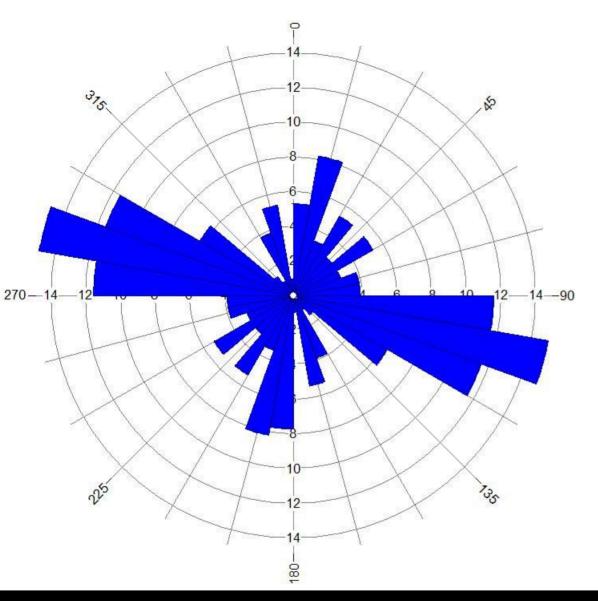
Joints and folds (taken from Earth Science Australia website: http://earthsci.org/index.html#Enter)





Poles to planes: joints

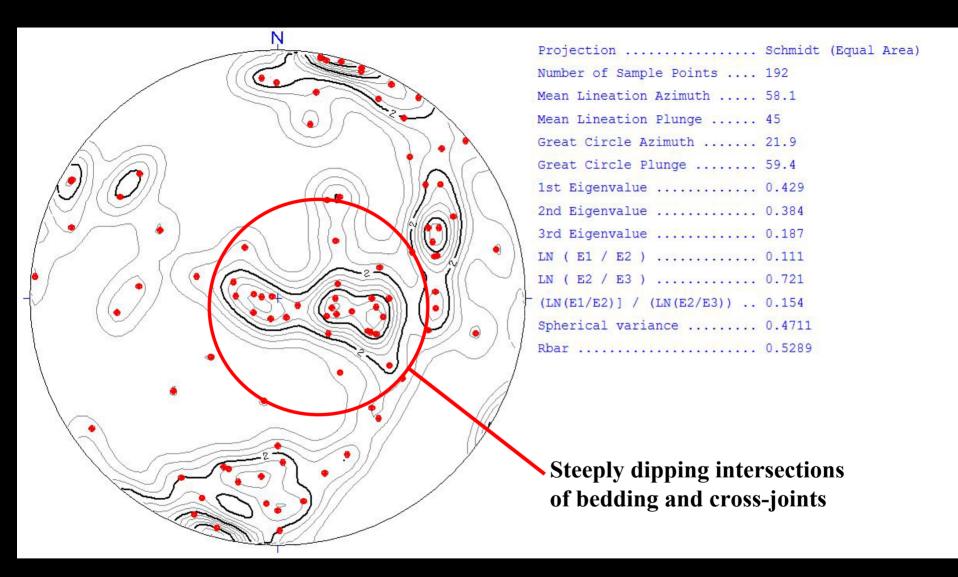




Calculation Method	Frequency
Class Interval	10 Degrees
Length Filtering	Deactivated
Azimuth Filtering	Deactivated
Data Type	Bidirectional
Population	208
Maximum Percentage	14.9 Percent
Mean Percentage	5.5 Percent
Standard Deviation	3.82 Percent
Vector Mean	86.64 Degrees
Confidence Interval	6.56 Degrees
R-mag	0.7

joint traces





Betapairs: intersections of joints and bedding





Outcrop of Stonehenge Limestone



Leetown, WV Resistivity Study

• Results of the Audiomagnetotelluric soundings collected during May, 2003

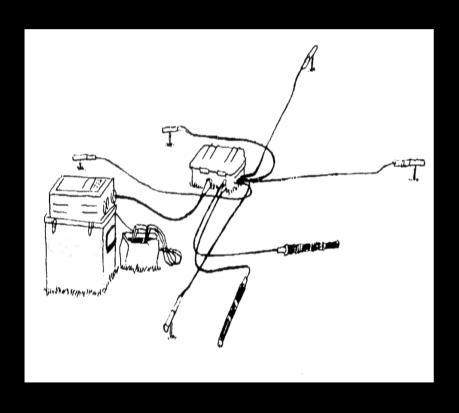


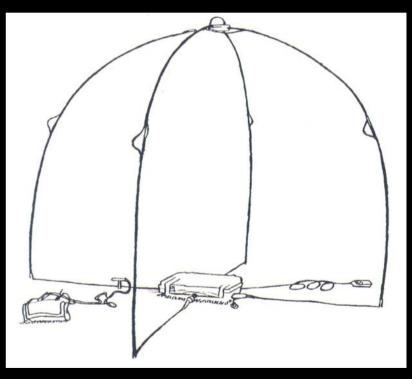
Geometrics AMT Gear



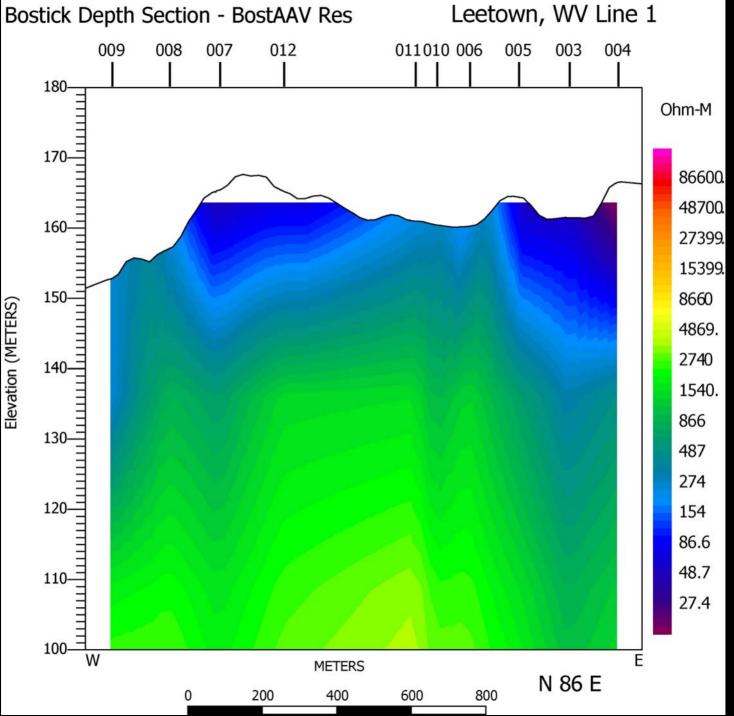


AMT Gear

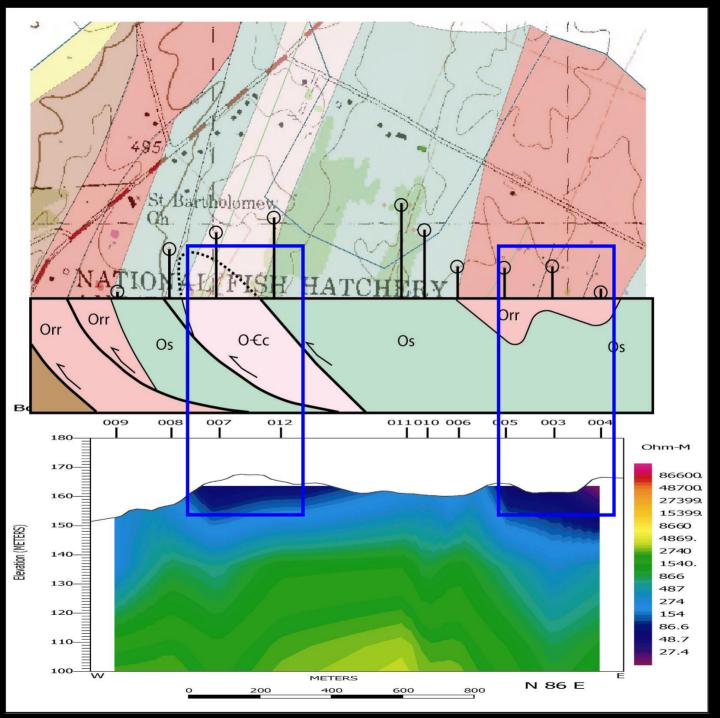




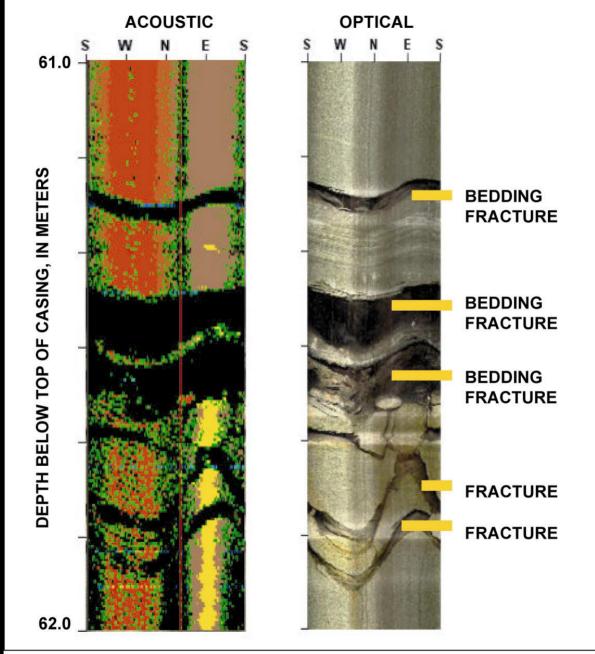










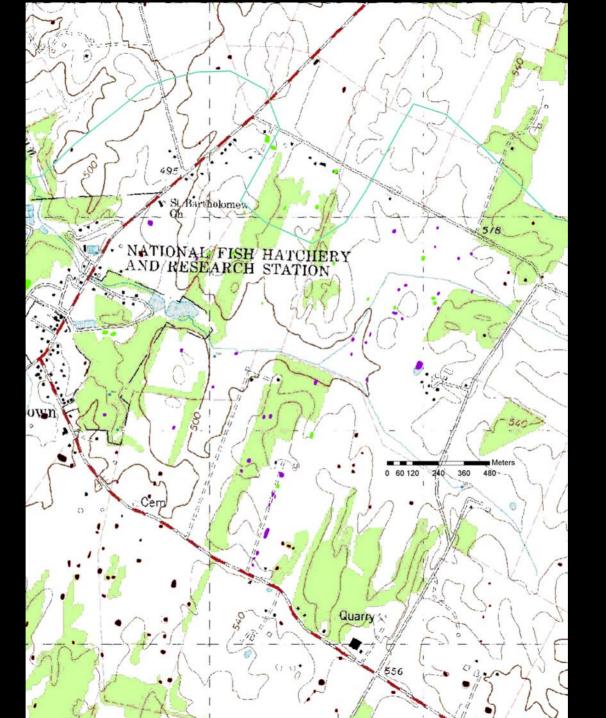


Examples of Acostic- and optical-televiewer images from a transmissive zone (from Williams and others, 2000, Figure 6)



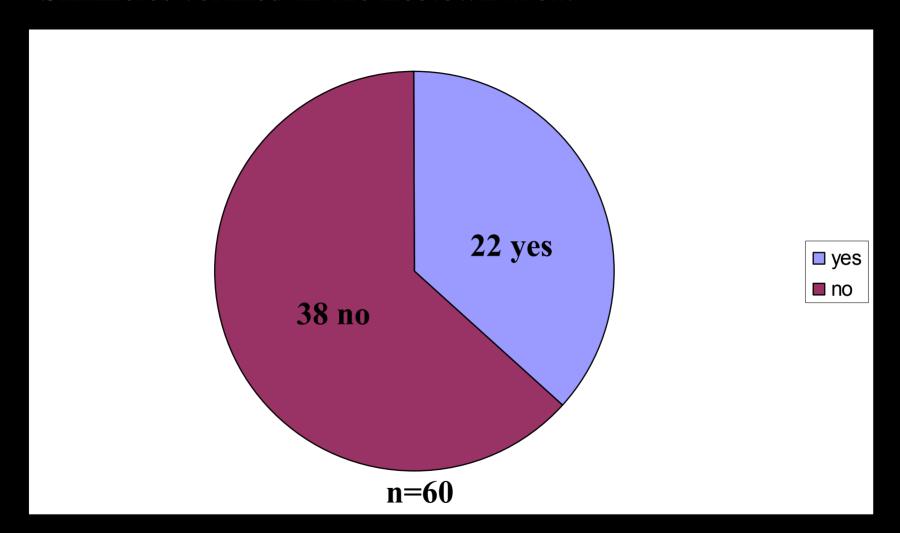








Sinkholes verified in the Leetown area:



Kayse Fisher, UWV thesis: 23 no vs 7 yes

